

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,956,060 B2
APPLICATION NO. : 10/594369
DATED : June 7, 2011
INVENTOR(S) : Hitoshi Arai et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 4:

Line 26, "heteroalicyclic-alkyl," should read --heteroalicyclic alkyl,--.

COLUMN 7:

Line 31, "represents each" should read --each represents--.

COLUMN 8:

Line 26, "1,2,3,4-tetrahydronaphthyl," should read --1,2,3,4-tetrahydronaphthyl,--.

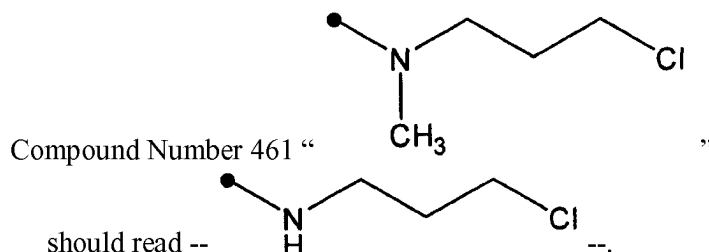
COLUMN 19:

Line 36, "Step 11" should read --Step 12--.

COLUMN 22:

Line 5, "Compound (o)." should read --Compound (O).--.

COLUMN 199:



Signed and Sealed this
Twenty-fifth Day of October, 2011

David J. Kappos

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Director of the United States Patent and Trademark Office

COLUMN 212:

Line 35, "compounds" should read --compound--; and
Line 37, "equipments." should read --equipment.--.

COLUMN 216:

Line 4, "to raise" should read --rising--.

COLUMN 220:

Line 18, "Lithium" should read --lithium--.

COLUMN 223:

Line 29, "the each" should read --each of the--.

COLUMN 224:

Line 54, "were" should read --was--.

COLUMN 225:

Line 37, "were" should read --was--;
Line 40, "amine" should read --amine compounds--;
Line 55, "were" should read --was--;
Line 56, "amine" should read --amine compounds--; and
Line 67, "were" should read --was--.

COLUMN 226:

Line 1, "amine" should read --amine compounds--.

COLUMN 227:

Line 18, "CH₃]" should read --CH₃--; and
Line 48, "CH₃]" should read --CH₃--.

COLUMN 228:

Line 22, "were" should read --was--; and
Line 25, "amine" should read --amine compounds--.

COLUMN 229:

Line 11, “were” should read --was--.

COLUMN 230:

Line 25, “were” should read --was--.

COLUMN 231:

Line 12, “the reaction mixture was added with” should read
--to the reaction mixture was added--;
Line 13, “5% an” should read --a 5%--; and
Line 55, “an” should be deleted.

COLUMN 232:

Line 42, “2.913” should read --2.93--.

COLUMN 233:

Line 41, “(s, 1H),” should read --(s, 3H),--.

COLUMN 236:

Line 38, “8.41” should read --8.41--;
Line 47, “(t, J=6.8 Hz, 4H),” should read --(t, J=6.8 Hz, 4H),--;
Line 48, “(dt,” should read --3.73 (dt,--; and
Line 62, “J 1.6,” should read --J=1.6,--.

COLUMN 237:

Line 21, “(CDCl₃) δ (ppm):” should read --(CDCl₃ δ(ppm):1.22--;
Line 22, “(br s, 1H),” should read --(br s, 1H), 6.04--; and
Line 51, “1H),” should read --1H), 3.11-- and
“6.5 Hz, 2H),” should read --6.5 Hz, 2H), 5.98--.

COLUMN 238:

Line 57, “3.1-3.4 (m, 6H),” should read --3.1-3.4 (m, 6H), 3.59--; and
Line 58, “(s, 2H),” should read --(s, 2H), 8.01-- and
“(br, 1H),” should read --(br, 1H), 8.86--.

COLUMN 239:

Line 46, “3.90 (s, 2H),” should read --3.90 (s, 2H), 7.27-- and

“J=5.4 Hz, 1H),” should read --J=5.4 Hz, 1H), 7.84--;

Line 47, “(s, 1H),” should read --(s, 1H), 8.46--;

Line 50, “(CDCl₃) δ (ppm):” should read --(CDCl₃) δ (ppm): 1.01--;

Line 51, “(s, 3H),” should read --(s, 3H), 2.49--;

Line 61, “(DMSO-d₆) δ (ppm):” should read --(DMSO-d₆) δ (ppm): 1.22--; and

Line 62, “(m, 8H),” should read --(m, 8H), 2.90--

and “(s, 2H),” should read --(s,2H), 7.26--.

COLUMN 243:

Line 54, “lower alkylsulfonyl,” (2nd occurrence) should read --lower alkylsulfinyl,--.